

Welcome to the Panama FIR / ARTCC



Although there is still no Panama division on the IVAO network, these pages collect all the necessary information for virtual aviation traffic in the Panama region. The Panama Center control area is designated by the MPZL ICAO code.

Although this is still work in progress, the information herein is to be considered the guidelines for both virtual pilots and virtual air traffic controllers operating in the Panama FIR. It is derived from the most realistic information available but with alterations for the simulated environment, therefore it must not be used for real navigation.

The Panama FIR extends roughly from latitude N 4.5° to latitude N 15.0° and longitude W 77.0 to W 82.0°. It limits on the Northeast with Barranquilla Center (SKEC), the south and southeast with Bogota Center (SKED), the west with Central America Center (MHTG) and on the north with Kingston Center (MKJK).

Codes and Frequencies

Main Frequencies

Facility	Description	Frequency
MPZL_FSS	Panama FSS	126.900
MPZL_CTR	Panama Center	125.500
MPTO_APP	Panama TMA Approach	119.700
*	Unicom	126.800

These are only the top-level frequencies and therefore we do not show in this table the frequencies that are airport-specific such as Delivery, Ground and Tower. Additionally when an aircraft is flying under controlled space within the Panama FIR, it must be assigned a squawk code as detailed in the next section.

Squawk Codes

The Squawk Codes (SSR) are assigned in the Panama FIR according to the following rules. Unless otherwise noted, these ranges are the same used in the real FIR so *please refrain from using unauthorized codes*.

Valid Squawk (SSR) codes

Range	Description
04xx	TMA Panama - inbound
06xx	Howard AFB - inbound

Valid Squawk (SSR) codes

Range	Description
10xx	Outbound flights originated in Panama
11xx	En route over MPZL under FL200
21xx	En route over MPZL at or above FL200
40xx	Test or training flight (local)
7700	Radio Communication failure